

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H03K17/08

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H03K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 414 404 B1 (ALLEN ROGER M) 2 July 2002 (2002-07-02) column 3, line 53 - column 7, line 16; figures 1,2	1-20
A	US 5 084 668 A (KOTOWSKI JEFFREY P ET AL) 28 January 1992 (1992-01-28) the whole document	1-20
A	US 6 011 385 A (BRANDT PER-OLOF ET AL) 4 January 2000 (2000-01-04) column 5, line 9 - column 9, line 17; figures 9,11-13	1-20
A	EP 0 990 967 A (SIEMENS AG) 5 April 2000 (2000-04-05) column 6, line 5 - column 10, line 42; figures 1,2	1-20
-/-		

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

5 August 2004

Date of mailing of the international search report

13/08/2004

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 96/12346 A (PHILIPS ELECTRONICS NV ; PHILIPS NORDEN AB (SE)) 25 April 1996 (1996-04-25) page 8, line 7 - page 14, line 10; figures 1,2 -----	1-20

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6414404	B1	02-07-2002	WO 0062422 A1 EP 1088395 A1 JP 2002542644 T	19-10-2000 04-04-2001 10-12-2002
US 5084668	A	28-01-1992	NONE	
US 6011385	A	04-01-2000	SE 518159 C2 AU 5684298 A SE 9700123 A WO 9832062 A1	03-09-2002 07-08-1998 18-07-1998 23-07-1998
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